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1/ A wind-power generator pod constituted by a rigid fairing in which at least one electricity generator is disposed for coupling to at least one wind-driven propeller, wherein the rigid fairing of the pod is formed by the body of the generator in which a stator and a rotor are mounted.

10 2/ The pod according to claim 1, in which the rigid fairing of the pod is surrounded by a tubular sleeve forming a substantially annular air passage along the pod.

15 3/ The pod according to claim 1, in which the fairing of the pod is an interference fit on the stator of the generator.

20 4/ The pod according to claim 1, in which lateral openings extend right through the stator.

5/ The pod according to claim 1, in which the generator is coupled to the wind-driven propeller via an epicyclic gearbox.

25 6/ The pod according to claim 5, in which said gearbox is mounted inside said rigid fairing.

7/ A wind-powered generator comprising a pod according to claim 1 and mounted to swivel at the end of a mast.

DRAFTED AND PREPARED